

TOP SECRET
HTA-TI-38-57
TCS-2204-57
HTA-OC-80-57
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30 October 1957

MEMORANDUM FOR: Project Operations

FROM: Chief, HTAUTOMAT

SUBJECT: Request For Data on The Accuracy of Project Aircraft Altimeters (Indicated Altitudes and D-Value Corrections)

1. In all mensuration accomplished by HTA certain fundamental data is required, such as angles of obliquity, focal lengths, and flight altitudes.
2. Flight altitudes are required in scale determination (size of objects) and also in height computations, where map coverage is not of acceptable quality.
3. Early missions were flown over areas with satisfactory map coverage, but recent missions have been flown over remote areas having very poor map coverage precluding accurate scale determination. The only other method of scale determination requires accurate information on altitudes.
4. It is requested that all data available on the accuracy of indicated altitudes and D-value corrections be provided HTA in order that the accuracy of scale and height computations can be determined.

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Chief, Photo Intelligence Division